



Notes:

- Locations of mine shafts are displayed as 30 x 30 square symbols in order to represent the uncertainty in determining the mine shaft locations and the typical size of collapse features associated with a 30' diameter circle indicating the approximate center of the known failure.
- Non-shaft related subsidence features are represented with a 30' diameter circle indicating the approximate center of the known failure.
- The accuracy of the mine workings geometry is estimated to be +/- 10' due to the age and condition of the original source maps used to generate the mine workings geometry data.
- The extent of mine workings is based on the most recent mine maps and may not represent the total mine workings if additional unreported mining occurred.
- Estimated maximum subsidence features analyzed for probabilities of subsidence are labeled with peak tied to numbers corresponding to Tables 2 and 7.4.
- Deposited boundary of colored probability of subsidence area is not the absolute limit of potential surface exposure of subsidence. Installation of ground control of probability of subsidence represents a general area in which surface exposure of subsidence may occur and occur if a mine collapse propagates to the surface.
- Unanalyzed mine workings are mine workings excluded from the probability of subsidence analysis conducted in this study. The unanalyzed mine workings are mine workings that are located in areas of estimated maximum subsidence less than 1 foot and mine workings with estimated maximum subsidence greater than 0 feet as shown in Exhibits 13 - 15. All mine workings have the potential for collapse.
- Unanalyzed areas are areas excluded from the scope of this study and do not indicate the absence or existence of mine workings and associated subsidence.

Figure 7.3C

Picher Mining Field Subsidence Evaluation

Estimated Probability of Subsidence Indicating Priorities For Further Investigation

1" : 200'